



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

FIRST NAMED INVENTOR ATTORNEY DOCKET NO. SERIAL NUMBER **FILING DATE** 08/186,469 01/26/94 ALMEIDA 004367 EXAMINER LEE,K 34M2/0619 ART UNIT PAPER NUMBER SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 PENNSYLVANIA AVE., N.W.

WASHINGTON, DC 20037 3407 DATE MAILED: 06/19/96 This is a communication from the examiner in charge of your application. COMMISSIONER OF PATENTS AND TRADEMARKS This application has been examined Responsive to communication filed on_ This action is made final. month(s), __ days from the date of this letter. A shortened statutory period for response to this action is set to expire Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133 Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION: Notice of References Cited by Examiner, PTO-892. Notice of Draftsman's Patent Drawing Review, PTO-948. 4. Notice of Informal Patent Application, PTO-152. Notice of Art Cited by Applicant, PTO-1449. 5. Information on How to Effect Drawing Changes, PTO-1474. Part II SUMMARY OF ACTION are pending in the application. Of the above, claims are withdrawn from consideration. 2. Claims have been cancelled. 3. Claims are allowed. 4. X Claims are rejected. Claims 6. Claims_ __ are subject to restriction or election requirement. 7. This application has been filed with informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes. 8. Formal drawings are required in response to this Office action. . Under 37 C.F.R. 1.84 these drawings 9. The corrected or substitute drawings have been received on _ are acceptable; not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948). ____. has (have) been approved by the 10. The proposed additional or substitute sheet(s) of drawings, filed on _ examiner; I disapproved by the examiner (see explanation). 11. The proposed drawing correction, filed ______, has been ___approved; __disapproved (see explanation). 12. Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has been received not been received _; filed on _ ☐ been filed in parent application, serial no. _ 13. Since this application apppears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. Other

Serial Number: 08/186,469

Art Unit: 3407

PART III DETAILED ACTION

- 1) Applicant's arguments with respect to claim 2 have been considered but are deemed to be moot in view of the new grounds of rejection.
- 2) The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:
 - A person shall be entitled to a patent unless -- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claim 2 is rejected under 35 U.S.C. § 102(b) as being anticipated by Kelley et al. The patent to Kelley discloses a gas lift valve including a valve seat (19) with a curved inlet portion, a smooth straight intermediate portion and a smooth outwardly tapered conical section.

Claim 2 is rejected under 35 U.S.C. § 102(b) as being anticipated by Shaffer. The patent to Shaffer discloses a valve seat (20) used in an oil well to include a curved inlet section (22), a smooth intermediate section (21), and a smooth outwardly tapered conical section (23).

Serial Number: 08/186,469 -3-

Art Unit: 3407

3) Any inquiry concerning this communication should be directed to KEVIN LEE at telephone number (703) 308-1025.

The Group 3400 fax number is (703) 308-7765.

JUNE 7, 1996

KEVIN LEE

PRIMARY EXAMINER

GROUP 3400